



**A REPORT ON INDUSTRIAL TRAINING CONDUCTED AT NATIONAL SEMI-
ARID RESOURCES RESEARCH INSTITUTE, SERERE
FROM 28TH/ FEBRUARY / 2022 TO 6TH/ MAY / 2022**

Compiled by;

Name: NAKAJIGO CHARLOTTE.

Registration number: BU/ UG/ 2019/ 2928

Course number: DAP1301.

Program of study: DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT

Year of study: 2

Email: charlottenakajigo@gmail.com

Contact: 0708832598

Employer: NaSARRI farm

Location: NaSARRI farm is located in Eastern Agro-ecological zone in Serere district, 27 km South of Soroti city in Olio Sub County, Okulonyo parish, Igola village.



**THE INDUSTRIAL TRAINING REPORT TO BE SUBMITTED TO THE
DEPARTMENT OF AGRIBUSINESS AND EXTENSION FOR THE PARTIAL
FULFILMENT FOR THE AWARD OF A DIPLOMA IN ANIMAL PRODUCTION AND
MANAGEMENT**

MAY 2022.

DECLARATION

I Nakajigo Charlotte declare to the best of my knowledge and believe that the work here is my own and has never been submitted to any university or institution for the award of any diploma. I therefore, present it in partial fulfillment for the award of a Diploma in Animal Production and Management of Busitema University.

This industrial training report has been submitted for examination with approval from my university supervisor.

Student

Name: **NAKAJIGO CHARLOTTE**

Signature: *[Signature]* Date: **5th / MAY / 2022**

Approved by;

Academic supervisor

Name.....

Signature: Date:

Field supervisor NaSARRI

Name: **EGADU GEORGE WILLIAM**

Signature: *[Signature]* Date: **5th / MAY / 2022**

0782 575984

Intern coordinator

Name: *[Signature]*

Signature: *[Signature]* Date:



Director NaSARRI

Name: **OBUS JOHN EMILIANTIS**

Signature: *[Signature]* Date: **3/5/2022**

DEDICATION

I dedicate this work to my mum, my field supervisor, my field facilitator, my university supervisor for their patience, prayers and encouragement. Thank you for your prayers and endurance, may the Almighty God reward you abundantly.



ACKNOWLEDGEMENT

My sincere thanks goes to the staff of NaSARRI who guided me through all activities for the success of industrial training.

First and foremost, I would like to appreciate the Director of NaSARRI Dr. Ugen Michael for granting me the opportunity to conduct my industrial training from the institute, my field supervisor Mr. Egadu George William, the field facilitator Mzee Sadok Elapar who assisted I and my colleagues in all activities during our industrial training at NaSARRI.

I would love to appreciate the staff Busitema University Arapai campus for the implementing industrial training as one of the core modules which help students learn hands-on skills in correlation to the class theory, enhancing their agricultural experience hence preparing them for a wide range for job market, thus effective service delivery to farmers upon the modernized agricultural technologies.

Special gratitude goes to my beloved mother Ms. Nanyanzi Margaret and colleagues who never failed me in my education and have always put in everything possible for the success of my industrial training.

Contents	
DECLARATION.....	ii
DEDICATION.....	iii
ACKNOWLEDGEMENT.....	iv
LIST OF ABBREVIATIONS.....	vii
LIST OF TABLES AND FIGURES.....	viii
ABSTRACT.....	ix
CHAPTER ONE	1
1.0 INTRODUCTION TO INDUSTRIAL TRAINING	1
1.1 Introduction.....	1
1.2 Location of NaSARRI.....	1
1.3 Background of NaSARRI.....	1
1.4 Mission of NaSARRI.....	2
1.5 Vision of NaSARRI.....	2
1.6 Mandate of NaSARRI.....	2
1.7 RESEARCH PROGRAMS AT NaSARRI.....	2
1.8 THE ORGANIZATION STRUCTURE OF NaSARRI.....	3
CHAPTER TWO	3
2.0 DESCRIPTION OF ATTACHMENT	4
2.1 WORKING STATION.....	4
2.2 TASKS DESCRIPTION.....	4
2.2.1 IDENTIFICATION OF FARM TOOLS AND EQUIPMENTS.....	4
2.2.2 FARM STRUCTURES.....	6
2.2.3 GOATS.....	8
2.2.4 CATTLE.....	13
CHAPTER THREE	20
3.0 IMPACT OF ATTACHMENT	20
3.0.1 Work climate.....	20
3.0.2 Skills and qualifications gained from industrial training.....	20
3.0.3 Responsibilities undertaken during industrial training.....	20
3.0.4 Influence of industrial training on my future career plans.....	20

3.0.5 Correlation of internship activities with lecture room knowledge.....	20
3.0.6 Challenges faced during industrial training.....	21
CHAPTER FOUR	22
4.0 CONCLUSIONS AND RECCOMENDATIONS.....	22
4.0.1 Conclusions.....	22
4.0.2 Recommendations.....	22

LIST OF ABBREVIATIONS

NaSARRI:	National Semi-Arid Resources Research Institute
NARO:	National Agricultural Research Organization
MAAIF:	Ministry of Agriculture Animal Industry and Fisheries
BUAC:	Busitema University Arapai Campus
DR:	Doctor
MR:	Mister
NB:	Note Carefully

IE: **That Is To Say**

FEB: **February**

IM: **Intramuscular**

SC: **Subcutaneous**

ID: **Identification**

EG: **For Example**

ETC: **And So On**

LIST OF TABLES AND FIGURES

Table 1 shows daily goat census records in the Mubende goats' unit

Table 2 shows the weight records of goats in March, 2022

Table 3 shows the common diseases that attack the goats at NaSARRI farm

Table 4 shows a comparison between kidding of the Mubende goats, Teso local goats and the Boar goats at NaSARRI farm

Table 5 shows the daily census records of the beef cattle at NaSARRI farm

Table 6 shows the daily census records of the dairy cattle at NaSARRI farm

Table 7 shows the weight records of cattle in May, 2022

Table 8 shows the common diseases that attack the cattle at NaSARRI farm

Table 9 shows the number of ticks and type of ticks on selected cattle at NaSARRI farm

Table 10 shows the activities conducted during industrial training at NaSARRI farm

Figure 1 shows hoof trimming of overgrown hooves of goats

Figure 2 shows spraying of goats against ecto parasites

Figure 3 shows pregnancy diagnosis in cattle

Figure 4 shows weighing of cattle using a weigh bridge

ABSTRACT

This industrial training report covers activities conducted at National Semi- Arid Resources Research Institute, Serere from 28th February, 2022 to 6th May, 2022.

During my orientation of industrial training, I was attached to the animal section at NaSARRI farm where I conducted all my activities from.

The industrial training at NaSARRI farm attempted to provide practical skills, field practice and experience to enhance the theoretical knowledge that is learnt in class. Therefore, my objectives were to acquaint myself with; the various animal husbandry practices e.g spraying against ecto-parasites, deworming, weighing of cattle and get hands on experience on animal welfare skills, the various breeds of cattle, goats, animal diseases, their signs, symptoms, and treatment, record keeping skills. My industrial training at NaSARRI farm was quite successful despite of a few challenges e.g the army worms which invaded the district and ate up all the vegetation leaving the animals with nothing to feed on, lack of a clinic to provide first aid treatment for both the farm employees and trainees in case of any injury while at the farm.

My industrial training report comprises of four chapters i.e;

Chapter one covers introduction to industrial training.

Chapter two covers the description of attachment.

Chapter three covers impact of the attachment.

Chapter four covers conclusions and recommendations.



CHAPTER ONE

1.0 INTRODUCTION TO INDUSTRIAL TRAINING

1.1 Introduction

Industrial training is one of the course modules at BUAC incorporated in the curriculum to expose the students to hands-on skills in correlation with the class theory.

Its main objectives are to enable students acquire practical knowledge, skills, evaluation in agricultural research and other related activities and techniques.

This industrial training was conducted at National Semi-Arid Resources Research Institute from 28th February, 2022 to 6th May, 2022.

1.2 Location of NaSARRI

NaSARRI is located in Eastern Agro-ecological zone in Serere district, 27 km South of Soroti city in Olio Sub County, Okulonyo parish P.O BOX 56 Soroti- Uganda

Tel: 045- 446 3665

Email: director.nasarri@naro.go.ug

Website: www.nasarri.go.ug

1.3 Background of NaSARRI

The National Semi-Arid Resources Research institute (NaSARRI) is one of the 16 Public Agricultural Research institutes of National Agricultural Research Organization (NARO) established by National Research Act 2005 as an apex of National Agricultural System under MAAIF.

The National Semi-Arid Resources Research institute started its operation way back in 1920. It was initially established as an experimental station for ox-cultivation which was changed to support cotton production in Teso. It as well served as training staff of Department of Agriculture.

It pioneered as research study on cotton, livestock and animal attraction technologies to emphasize quality output under supervision of the Ministry of Agriculture. 1992, NaSARRI one of National Agricultural Research Organization (NARO) was called Serere Agricultural and Animal Production Research Institute (SAARI).